Name of Work: Costruction of drain & concrete work at Karekallu and Bagalagunt old village sourrounding in ward no 14 Bagalagunte

ABSTRACT

Item No	UNIT	Qty	Rate	Amount
1	Cum	203.56	133.56	27186.00
2	Cum	221.76	137.80	30559.00
3	Cum	99.85	2001.28	199828.00
4	Cum	122.96	5408.12	664982.00
5	Cum	127.56	7070.20	901875.00
6	Tonnes	4.55	72326.98	329088.00
7	Sqm	325.76	2208.00	719278.00
8	Cum	159.21	5210.96	829637.00
9	Sqm	1253.31	72.08	90339.00
10	Cum	277.50	73.99	20532.00
			Sub Total	3813304.00
			GST 12%	457596
			KRIDL 4.5%	171599
			Total	4442499.00

27190 = 00

4442503 = 00

Assistant Executive Engineer
T. Dasarahalli Sub Division
Bagalagunte, BBMP
Bangalore-560073

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E-MB

Name of Work: Costruction of drain & concrete work at Karekallu and Bagalagunt old village sourrounding in ward no 14 Bagalagunte

Estimated Cost: 100.00 Lakhs
Head of Account: P-1878
Job Code No : 014-19-000005
A.S No. & Date: EE/DD/AS/91/2018-19 Dated.29.12.2018
T.S No. & Date: CE/DZ/TS/105/2018-19 Dated.01.02.2019
W.O No. & Date: EE/DD/WO/365/2019-20 Dated 27.02.2019
Recording Date: 11.10.19
Name of Agency KRIDL

1st and Part Bill

Pre-Measurement

Sl. No.	Description of work	Mensurements No.s	L	B	D	Qty	Rate	Amount	Unit
1	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mtr. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications Specification No. KRBS 500-1 MORTH Chapter 5 Page No. 158/ Item No. 21.3/ PWD SR 2018-19								
	Towards Tank gate from Ashwattakatty	1	30.00	5.30	0.25	39.75			
		1	30.00	5.30	0.25	39.75			
		1	30.00	5.35	0.25	40.13			
		1	30.00	5.48	0.25	41.10			
		1	19.60	4.43	0.25	21.71			
		1	19.70	4.30	0.25	21.18			
						203.62			
	Ltd Total Qty/ Payable Qty					203.58	133.56	27190.00	Cum

Assistant Engineer
Ward 14 08-08-19

Assistant Executive Engineer 08.08.19
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Pre-Measurement

2	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.143/I.19.1 PW, P & IWTD - SR 2018-19)									
	Near Ashwatta Katty		1	30.00	1.00	0.90	27.00			Rmtr
			1	16.00	1.00	0.90	14.40			
			1	30.00	1.00	0.90	27.00			
			1	16.00	1.00	0.90	14.40			
			1	28.40	1.00	0.90	25.56			
			1	25.40	1.00	0.90	22.86			
			1	28.00	1.00	0.90	25.20			
			1	26.00	1.00	0.90	23.40			
			1	30.00	1.00	0.90	27.00			
			1	17.00	1.00	0.90	15.30			
							222.12			
		Ltd Total Qty/ Payable Qty					221.76	137.80	30559.00	Cum

Assistant Engineer
Ward 14
08.08.19

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP
08.08.19

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Pre-Measurement

3 Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2018-19, P.No.155, 1 No.20.18)

For UGD & Water supply Road cutting portion									
Near Ashwatta Katty		1	30.00	1.20	0.23	8.28			
		1	16.00	1.20	0.23	4.42			
		1	30.00	1.20	0.23	8.28			
		1	16.00	1.20	0.23	4.42			
		1	28.40	1.20	0.23	7.84			
		1	30.00	1.20	0.23	8.28			
		1	30.00	1.20	0.23	8.28			
		1	30.00	1.20	0.23	8.28			
		1	25.00	1.20	0.23	6.90			
		1	25.40	1.20	0.23	7.01			
		1	28	1.20	0.23	7.73			
		1	56	1.20	0.23	15.46			
		1	17	1.20	0.23	4.69			
						99.86			
	Ltd Total Qty/ Payable Qty					99.85	2001.28	199828.00	

Assistant Engineer
Ward 14
18.08.19

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP
18-08-19

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Pre-Measurement

4 KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.13/1.4.3) PWD - SR 2018-19)

From Ashwatta Katty		1	30.00	3.20	0.10	9.60		
		1	16.00	3.93	0.10	6.28		
		1	5.25	4.05	0.10	2.13		
		1	14.00	3.35	0.10	4.69		
		1	4.00	2.85	0.10	1.14		
		1	16.00	3.13	0.10	5.00		
Krishna Nivasa up to Water tank		1	52.50	5.30	0.10	27.83		
		1	30.00	5.00	0.10	15.00		
		1	30.00	5.35	0.10	16.05		
		1	30.00	5.48	0.10	16.43		
		1	9.60	4.50	0.10	4.32		
		1	19.70	4.38	0.10	8.62		
8th Cross 1st Main road		1	30.00	4.75	0.10	14.25		
		1	25.00	4.50	0.10	11.25		
At Temple		1	6.20	3.50	0.10	2.17		
At Anganavadi Road		1	6.00	6.00	0.10	3.60		
						148.35		
	Ltd Total Qty/ Payable Qty					122.96	5408.12	664982.00 Cum

Assistant Engineer
Ward 14
20.8.19

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP
20-08-19

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4	Providing laying plain/reinforced cement concrete for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc., complete as per approved drawing and design MORTH specification No.1500, 1.700, 2200 PCC M20 Grade upto 0.75m height using concrete mixture.including cost of materials,labour,HOM Complete as per specification,pg no 271,it no 37.59 PWD SR 2018-19								
	Karekallu Near Ashwatta Katty L/s		4	30.00	0.15	0.60	10.80		
			4	16.00	0.15	0.60	5.76		
			4	30.00	0.15	0.60	10.80		
	R/s		4	16.00	0.15	0.60	5.76		
	Opp.Ashwatta Katty		4	28.40	0.15	0.60	10.22		
	Siriyappa Garden								
	R/s of the road Towards Siriyappa garden		4	25.40	0.15	0.60	9.14		
			4	28.00	0.15	0.60	10.08		
			4	26.00	0.15	0.60	9.36		
			4	30.00	0.15	0.60	10.80		
			4	17.00	0.15	0.60	6.12		
	Bottom Bed Concrete								
	Karekallu & Main road		1	30.00	0.90	0.15	4.05		
			1	16.00	0.90	0.15	2.16		
			1	30.00	0.90	0.15	4.05		
			1	16.00	0.90	0.15	2.16		
			1	28.40	0.90	0.15	3.83		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	10.00	0.90	0.15	1.35		
			1	15.00	0.90	0.15	2.03		
	Siriyappa Garden R/s		1	25.40	0.90	0.15	3.43		
			1	28.00	0.90	0.15	3.78		
			1	26.00	0.90	0.15	3.51		
			1	30.00	0.90	0.15	4.05		
			1	17.00	0.90	0.15	2.30		
							137.69		
	Ltd Total Qty/ Payable Qty						127.56	7070.20	901875.00 Cum

Assistant Engineer
Ward 14
29.08.19

29-08-19
Assistant Executive Engineer
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Pre-Measurement

8	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.229 , I. no.28.8.2]								
	Karekallu Near Ashwatta Katty L/s					1005.57			
	c/s of the road Towards Siriyappa garden					981.07			
	Karekallu & Main road					920.07			
	Siriyappa Garden R/s					1011.57			
						647.57			
						4565.85			
						4.57			
		Ltd Total Qty/ Payable Qty				4.55	72326.98	329087.76	Tonnes

Assistant Engineer
Ward 14

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP

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7	Supplying and fixing precast rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
	Sri Kavikallu		1	30.00	0.90		27.00		
			1	16.00	0.90	-	14.40		
			1	30.00	0.90		27.00		
			1	16.00	0.90		14.40		
	Cross Ashwatta Katty Main road		1	28.40	0.90		25.56		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	30.00	0.90		27.00		
			1	10.00	0.90		9.00		
			1	15.00	0.90		13.50		
	Srivappa Garden		1	25.40	0.90		22.86		
			1	28.00	0.90		25.20		
			1	26.00	0.90		23.40		
			1	30.00	0.90		27.00		
			1	17.50	0.90		15.75		
							326.07		
		Ltd Total Qty/ Payable Qty					325.76	2208.00	719278.00	Sqm

Assistant Engineer
Ward 14

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP

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8	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 ReaffirmecF2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.43cum) ((P.No.176, I.No.22.6.1 of PW,P&IWTD SR 2018-19)							
Near Ashwatta Katty		1	46.00	3.20	0.15	22.08		
To Upto Shantha Kumar house		1	5.25	4.30	0.15	3.39		
		1	14.00	2.70	0.15	5.67		
At temple		1	4.00	3.00	0.15	1.80		
Towards Krishna Nivas		1	16.00	3.25	0.15	7.80		
		1	30.00	4.00	0.15	18.00		
		1	22.50	4.00	0.15	13.50		
		1	30.00	5.00	0.15	22.50		
		1	30.00	5.00	0.15	22.50		
		1	9.60	5.48	0.15	7.88		
		1	19.70	4.73	0.15	13.96		
At 1st Main road to Vinayaka Nagara		1	55.00	2.00	0.15	16.87		
		1	6.00	3.75	0.15	3.38		
						159.33		
	Ltd Total Qty/ Payable Qty					159.21	5210.96	829637.00	Cum

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

Assistant Engineer
Ward 14

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9	Vacuum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery,screed vibratory,power Floater,blade and disc etc., with all lead and lift PWD SR 2018-19[P.No.176 -I.No.22.7]							
	Near Ashwatta Katty	1	46.00	3.80	174.80			
		1	5.25	4.30	22.58			
		1	14.00	2.70	37.80			
		1	4.00	3.00	12.00			
		1	16.00	3.75	60.00			
	Towards Krishna Nivas	1	52.50	4.00	210.00			
		1	30.00	5.00	150.00			
		1	30.00	5.00	150.00			
		1	9.60	5.70	54.72			
		1	19.70	5.70	112.29			
	From 1st M/R Vinayaka Nagara	1	55.00	4.50	247.50			
		1	6.00	3.75	22.50			
					1254.19			
	Ltd Total Qty/ Payable Qty				1253.31	72.08	90339.00	Sqm

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560057

Assistant Engineer
Ward 14

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP

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the final place of disposal with all lead and lift and as direction by the engineer in charge of
lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs.
Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page
No. 17.1 PWD SR 2018-19

At Ashwatta Katte		1	30.00	4.00	0.50	60.00			
		1	30.00	3.00	0.75	67.50			
		1	45.00	4.00	0.50	90.00			
		1	30.00	5.00	0.30	45.00			
		1	30.00	5.00	0.25	37.50			
		1	40.00	5.00	0.35	70.00			
						370.00			
		Deduction upto 25%				92.5			
Total Qty/ Payable Qty						277.50	73.99	20532.00	Cum

Assistant Engineer
Ward 14
11.10.19

Assistant Executive Engineer
T.Dasarahalli Sub Division, BBMP
11.10.2019

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